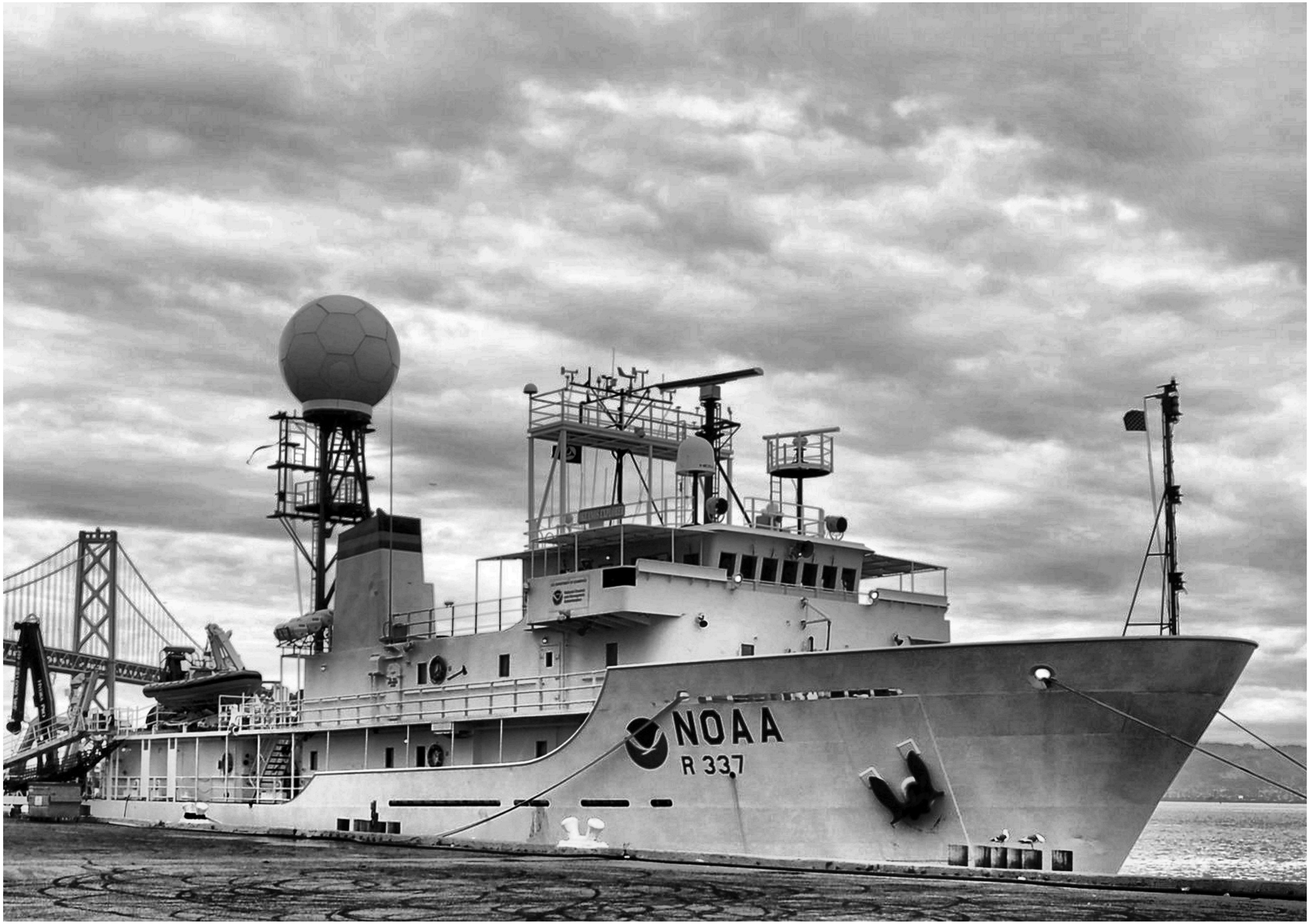
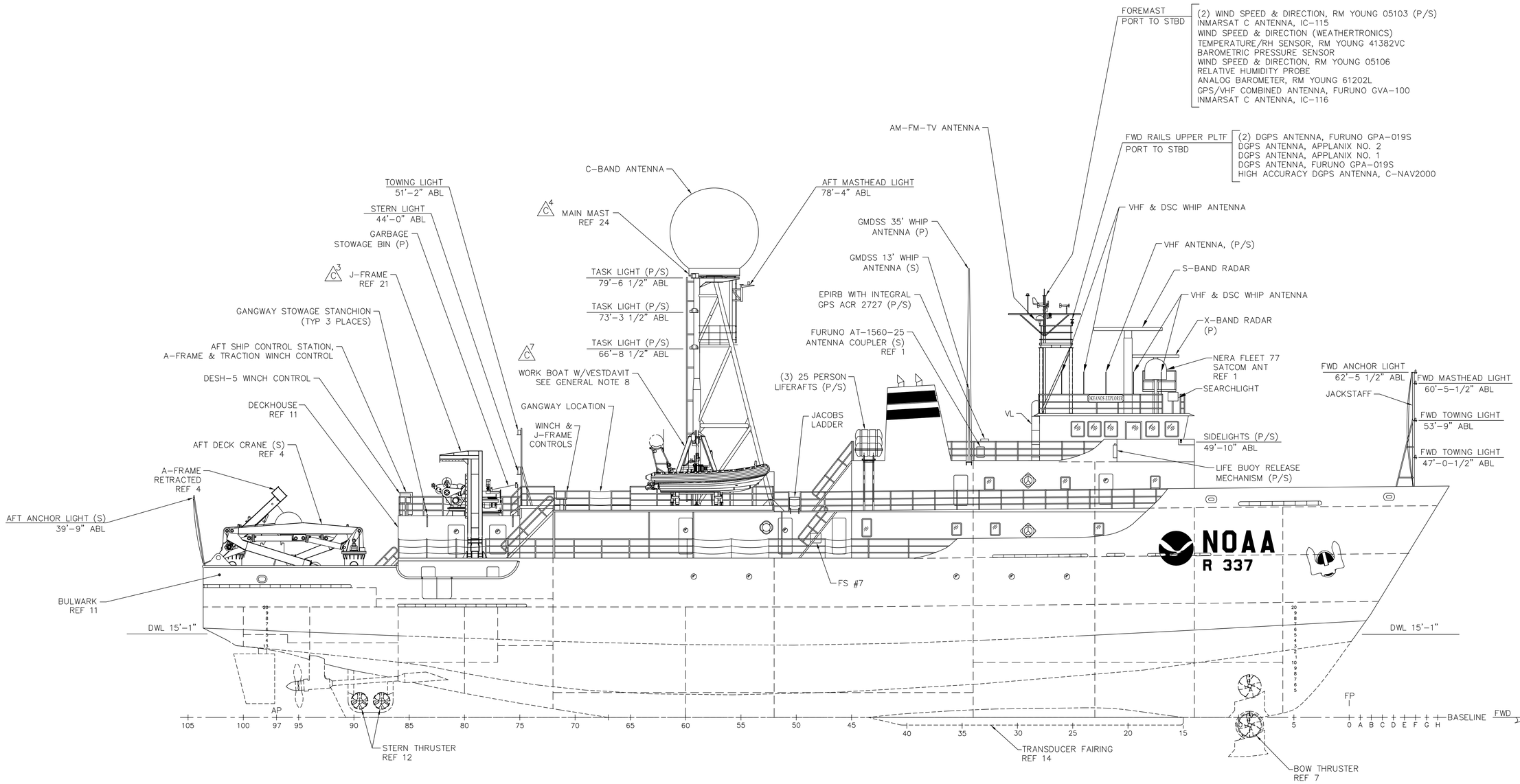

NOAA
R 337

REVISIONS					
REV	ZONE	DESCRIPTION	BY	DATE	APPD
–	ALL	INITIAL ISSUE	AMSEC	6/07	
A	ALL	REVISED DRAWING TO INCLUDE EQPT CONTROLLERS	AMSEC	6/26	
B	ALL	DRAWING REVISED TO REFLECT AS–BUILT CONDITIONS BASED ON SHIPCHECK OF 09/07.	AMSEC	10/07	
C	ALL	DRAWINGS REVISED TO REFLECT POST PHASE 2 CONVERSION ACCOMPLISHMENT AND IS BASED ON CONDITIONS FOUND DURING A SHIPCHECK CONDUCTED 11–12 FEBRUARY 2009. PHASE 2 CONVERSION INCLUDED THE FOLLOWING MAJOR MODIFICATIONS: 1. MISSION SPACE MODIFICATIONS TO LABORATORY COMPLEX AND MISSION CONTROL ELECTRONIC SPACES. 2. ROV HANDLING PLATFORM AND TRACK. 3. J–FRAME INSTALLATION. 4. MAIN MAST MODIFICATIONS & SEATEL INSTALLATION. 5. MACHINERY FOUNDATION MODS – GENERAL PURPOSE WINCH AND MG SET REPLACEMENT. 6. WASTE WATER HOLDING TANK (3–25–0–W) MODIFICATION. 7. STBD WORK BOAT AND VESTDAVIT, SEE GENERAL NOTE 8. 8. INCORPORATED NOAA COMMENTS PROVIDED BY EMAILS DATED 4/28/09, 4/29/09, 5/07/09.	AAA

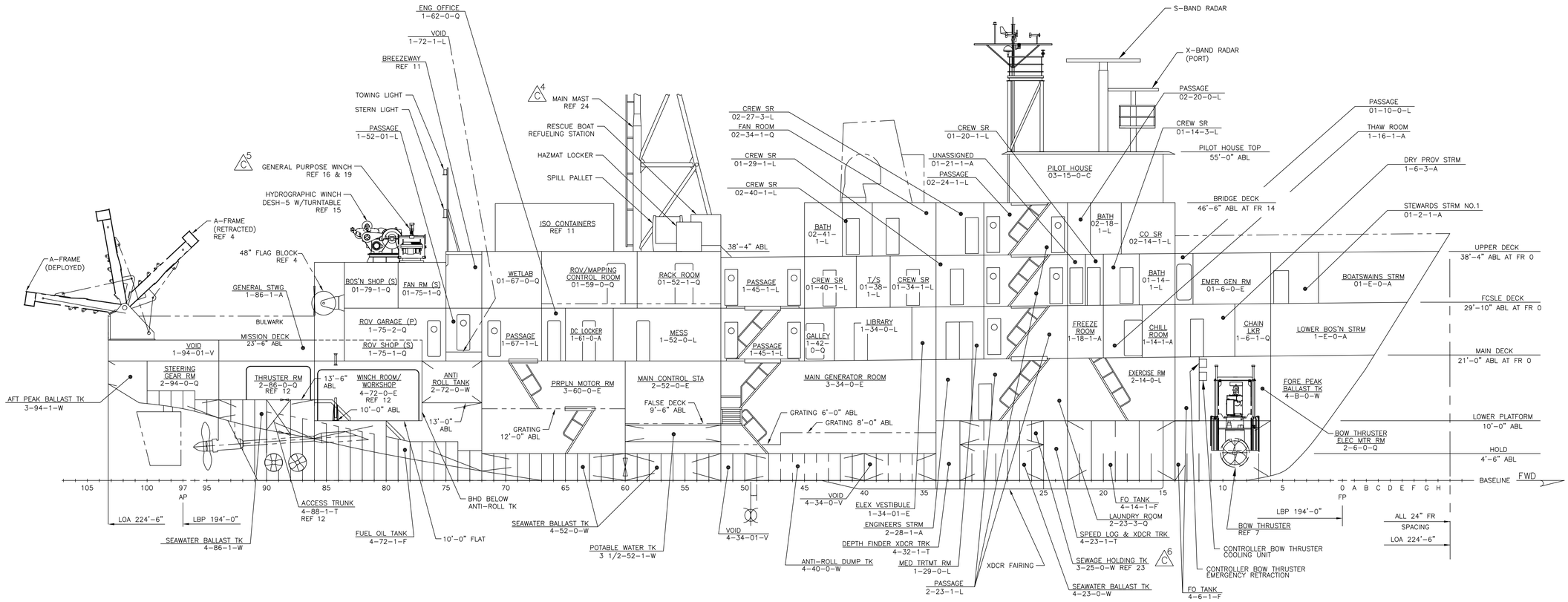

FOREMAST
PORT TO STBD
(2) WIND SPEED & DIRECTION, RM YOUNG 05103 (P/S)
INMARSAT C ANTENNA, IC-115
WIND SPEED & DIRECTION (WEATHERTRONICS)
TEMPERATURE/RH SENSOR, RM YOUNG 41382VC
BAROMETRIC PRESSURE SENSOR
WIND SPEED & DIRECTION, RM YOUNG 05106
RELATIVE HUMIDITY PROBE
ANALOG BAROMETER, RM YOUNG 61202L
GPS/VHF COMBINED ANTENNA, FURUNO GVA-100
INMARSAT C ANTENNA, IC-116
FWD RAILS UPPER PLTF
PORT TO STBD
(2) DGPS ANTENNA, FURUNO GPA-019S
DGPS ANTENNA, APPLANIX NO. 2
DGPS ANTENNA, APPLANIX NO. 1
DGPS ANTENNA, FURUNO GPA-019S
HIGH ACCURACY DGPS ANTENNA, C-NAV2000
AM-FM-TV ANTENNA
C-BAND ANTENNA
TOWING LIGHT 51'-2" ABL
STERN LIGHT 44'-0" ABL
GARBAGE STOWAGE BIN (P)
C4 MAIN MAST REF 24
AFT MASTHEAD LIGHT 78'-4" ABL
GMDSS 35' WHIP ANTENNA (P)
VHF & DSC WHIP ANTENNA
VHF ANTENNA, (P/S)
C3 J-FRAME REF 21
TASK LIGHT (P/S) 79'-6 1/2" ABL
GMDSS 13' WHIP ANTENNA (S)
S-BAND RADAR
GANGWAY STOWAGE STANCHION (TYP 3 PLACES)
TASK LIGHT (P/S) 73'-3 1/2" ABL
EPIRB WITH INTEGRAL GPS ACR 2727 (P/S)
VHF & DSC WHIP ANTENNA
AFT SHIP CONTROL STATION, A-FRAME & TRACTION WINCH CONTROL
TASK LIGHT (P/S) 66'-8 1/2" ABL
FURUNO AT-1560-25 ANTENNA COUPLER (S) REF 1
X-BAND RADAR (P)
C7
WORK BOAT W/VESTDAVIT SEE GENERAL NOTE 8
NERA FLEET 77 SATCOM ANT REF 1
FWD ANCHOR LIGHT 62'-5 1/2" ABL
FWD MASTHEAD LIGHT 60'-5-1/2" ABL
DESH-5 WINCH CONTROL
(3) 25 PERSON LIFERAFTS (P/S)
SEARCHLIGHT
JACKSTAFF
DECKHOUSE REF 11
GANGWAY LOCATION
JACOBS LADDER
VL
FWD TOWING LIGHT 53'-9" ABL
WINCH & J-FRAME CONTROLS
AFT DECK CRANE (S) REF 4
SIDELIGHTS (P/S) 49'-10" ABL
FWD TOWING LIGHT 47'-0-1/2" ABL
A-FRAME RETRACTED REF 4
LIFE BUOY RELEASE MECHANISM (P/S)
AFT ANCHOR LIGHT (S) 39'-9" ABL
NOAA
R 337
FS #7
BULWARK REF 11
DWL 15'-1"
DWL 15'-1"
AP
FP
105 100 97 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 5 0 A B C D E F G H
BASELINE
FWD
STERN THRUSTER REF 12
TRANSDUCER FAIRING REF 14
BOW THRUSTER REF 7

ELEVATION 12-B (B) (C)

OUTBOARD PROFILE

0 4 8 12 16 20 24 28 32 36
FEET

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/8=1'-0		SHEET 2 OF 8	
ACAD FILE NAME: OE-601-101C.DWG			



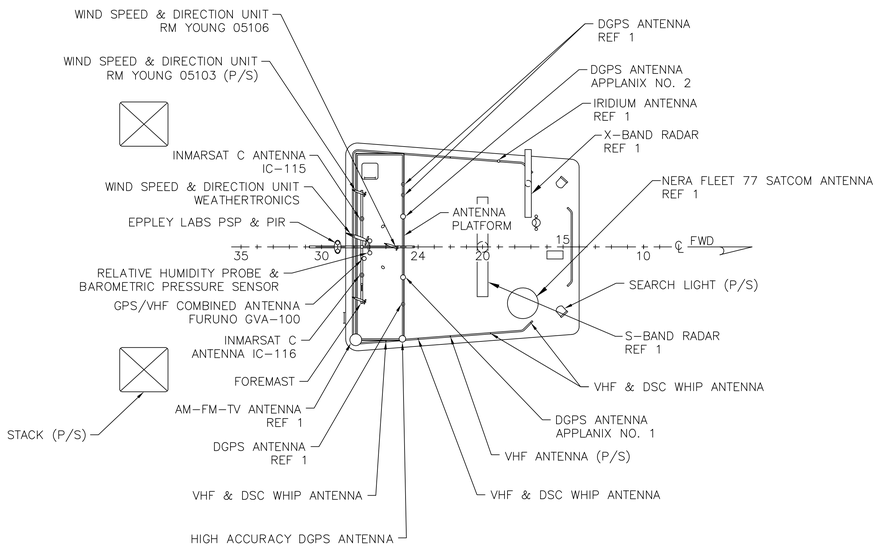
NOTE:
UPPER, FCSLE AND MAIN DK DIMENSIONS ABL INCLUDE 12" OF SHEER THAT COMMENCES 3" AFT OF FR 44.

ELEVATION 20-B (A) (B) (C)

INBOARD PROFILE
MAIN MAST NOT SHOWN FOR CLARITY

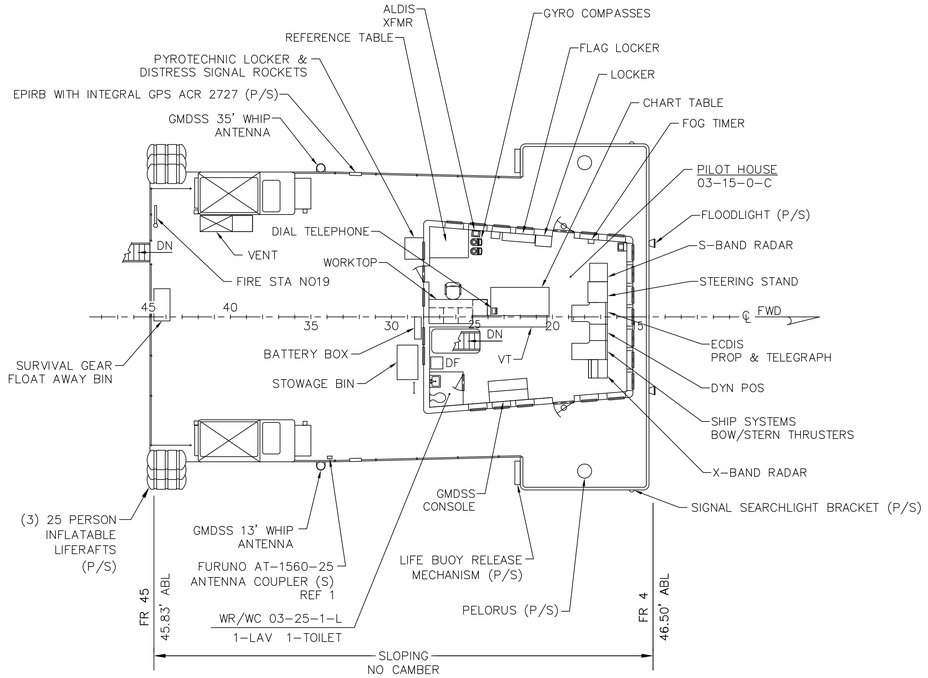
0 4 8 12 16 20 24 28 32 36
FEET

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/8=1'-0		SHEET 3 OF 8	
ACAD FILE NAME: OE-601-101C.DWG			


WIND SPEED & DIRECTION UNIT RM YOUNG 05106
WIND SPEED & DIRECTION UNIT RM YOUNG 05103 (P/S)
INMARSAT C ANTENNA IC-115
WIND SPEED & DIRECTION UNIT WEATHERTRONICS
EPPLEY LABS PSP & PIR
RELATIVE HUMIDITY PROBE & BAROMETRIC PRESSURE SENSOR
GPS/VHF COMBINED ANTENNA FURUNO GVA-100
INMARSAT C ANTENNA IC-116
FOREMAST
AM-FM-TV ANTENNA REF 1
DGPS ANTENNA REF 1
STACK (P/S)
HIGH ACCURACY DGPS ANTENNA
VHF & DSC WHIP ANTENNA
VHF ANTENNA (P/S)
DGPS ANTENNA APPLANIX NO. 1
VHF & DSC WHIP ANTENNA
S-BAND RADAR REF 1
SEARCH LIGHT (P/S)
VHF & DSC WHIP ANTENNA
NERA FLEET 77 SATCOM ANTENNA REF 1
IRIDIUM ANTENNA REF 1
X-BAND RADAR REF 1
DGPS ANTENNA APPLANIX NO. 2
DGPS ANTENNA REF 1
ANTENNA PLATFORM
35 30 25 24 20 15 10 ℄ FWD

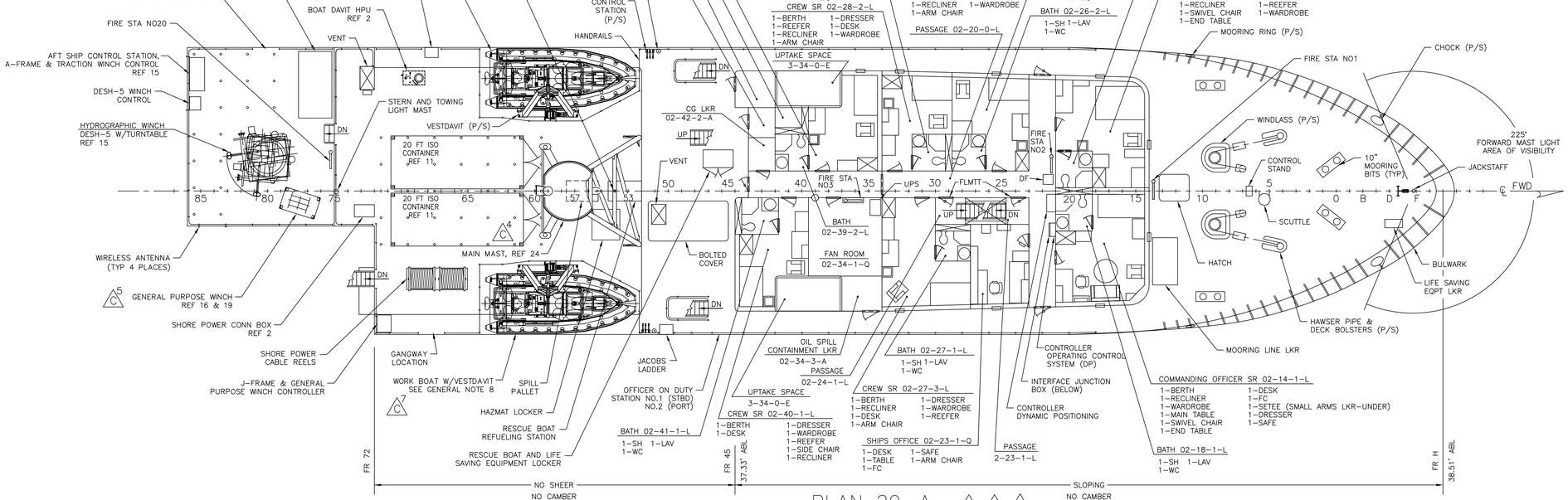
PLAN 31-D (B) (C)

PILOT HOUSE TOP



PLAN 27-D (C)

BRIDGE DECK

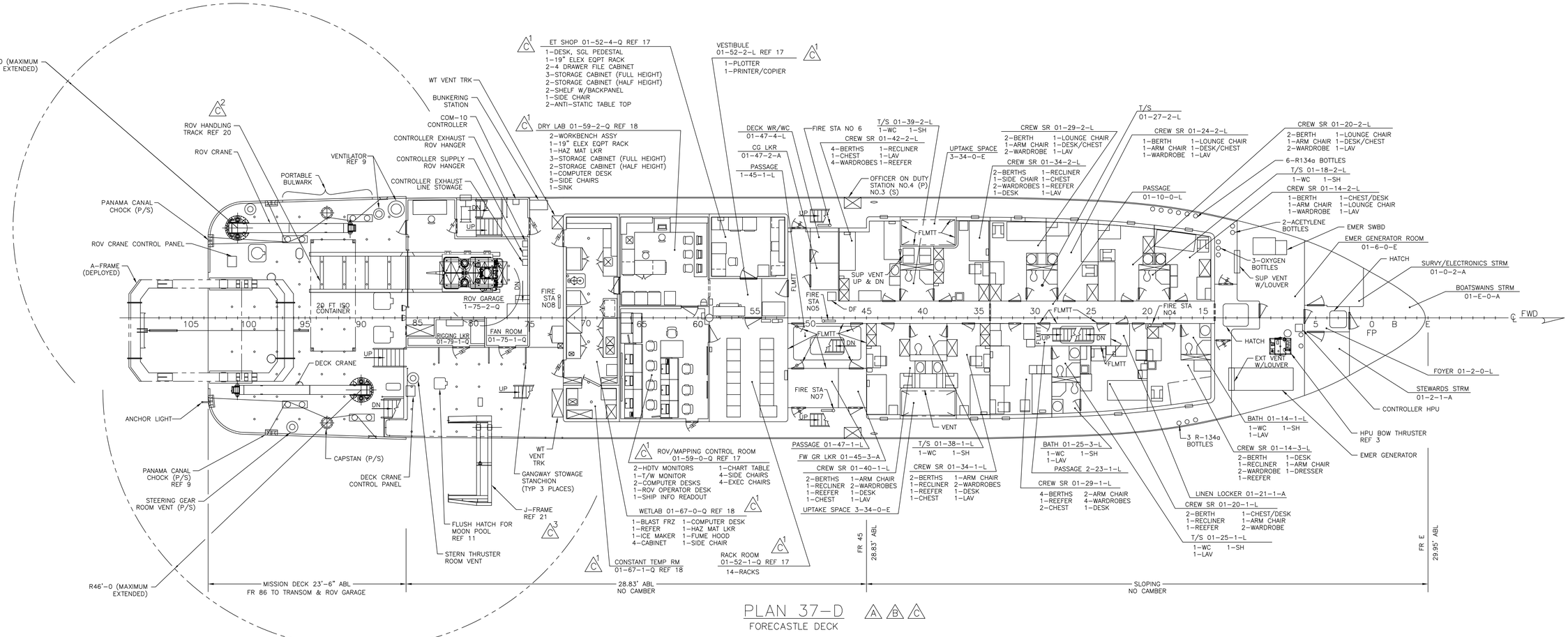


PLAN 29-A (A) (B) (C)

UPPER DECK

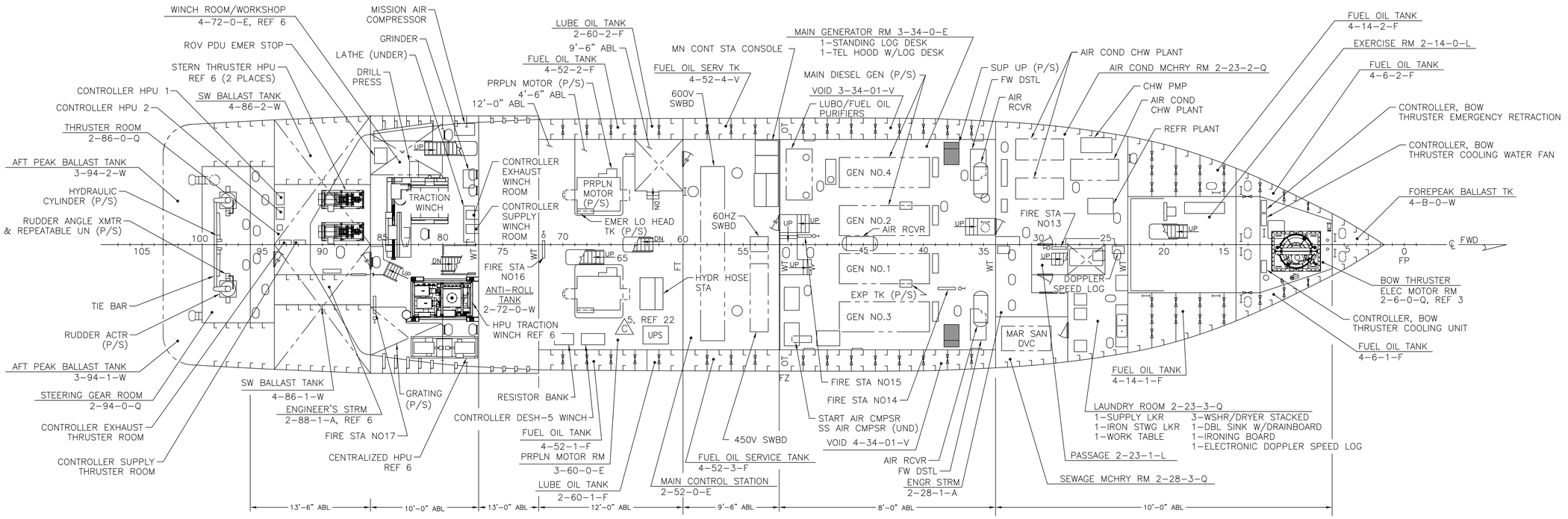
0 4 8 12 16 20 24 28 32 36
FEET

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/8=1'-0		SHEET 4 OF 8	
ACAD FILE NAME: OE-601-101C.DWG			

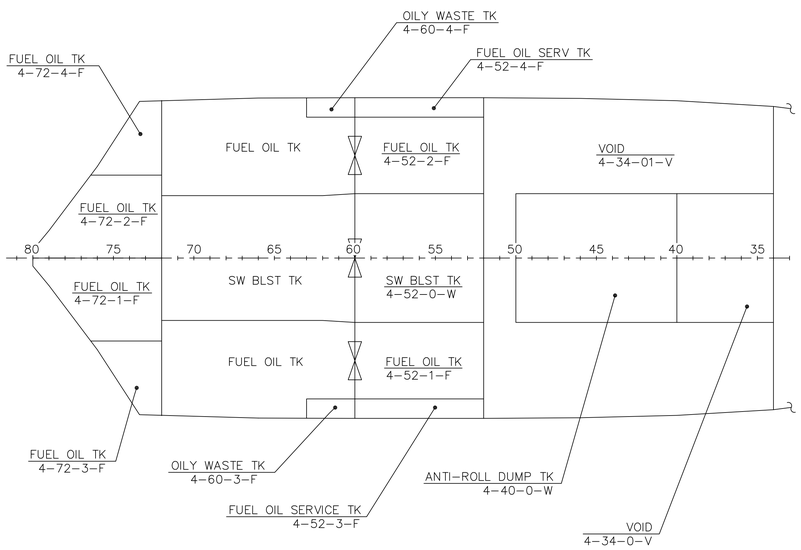


SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/8=1'-0		SHEET 5 OF 8	

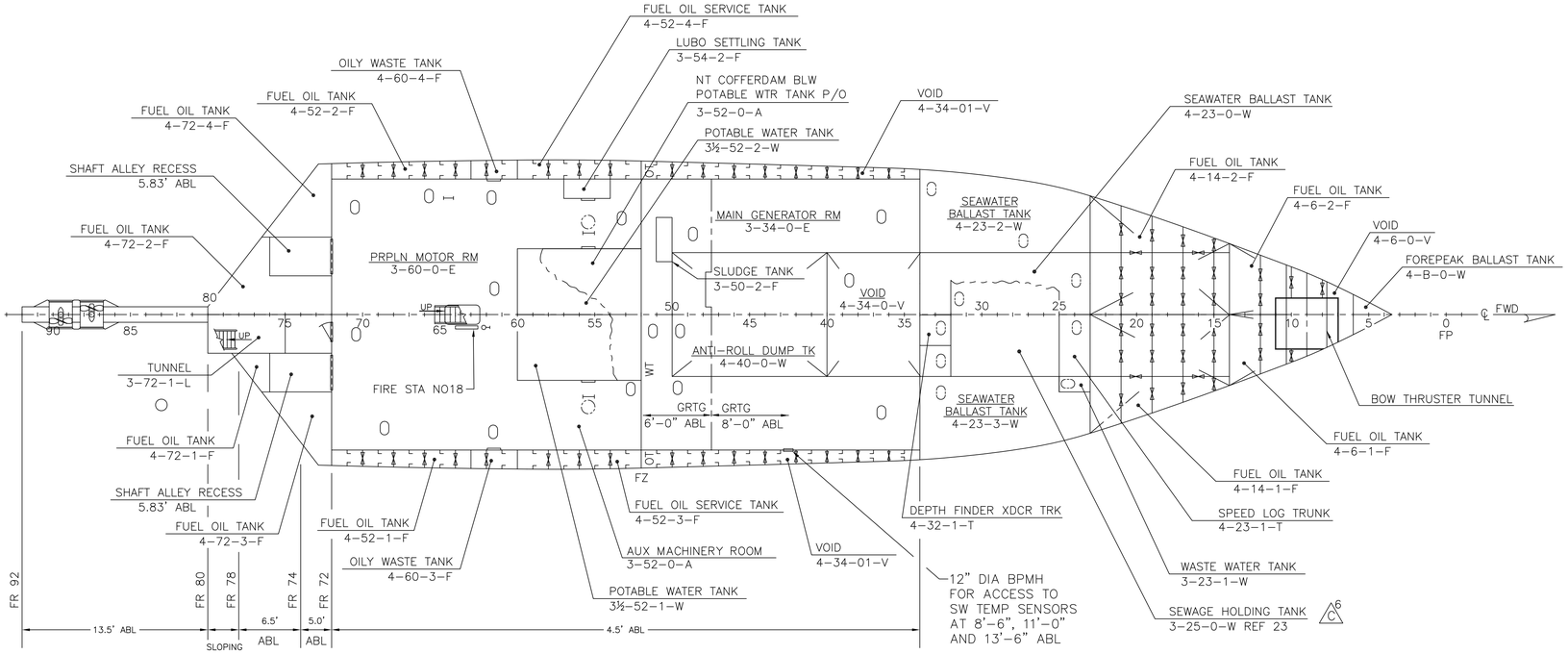
ACAD FILE NAME: OE-601-101C.DWG



PLAN 45-D (A)(B)(C)
LOWER DECK



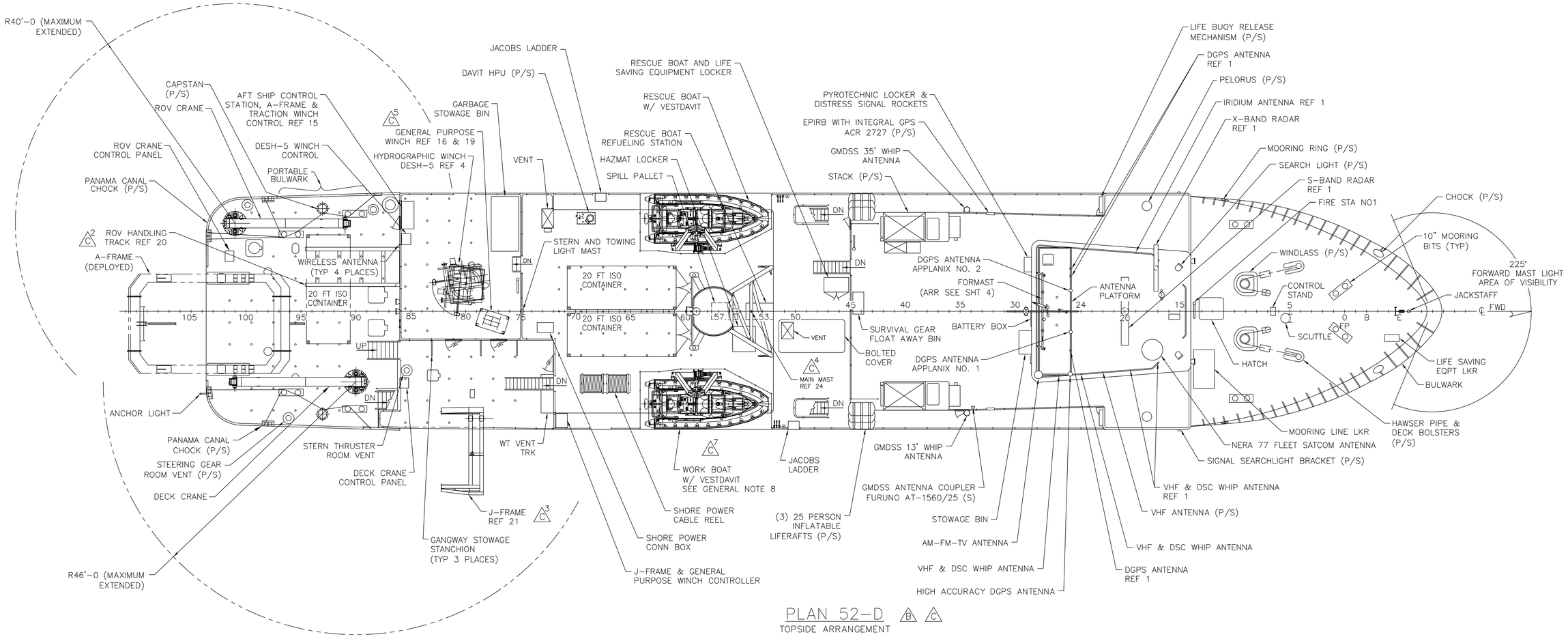
PLAN 47-A
INNERBOTTOM



PLAN 44-A (C)
HOLD

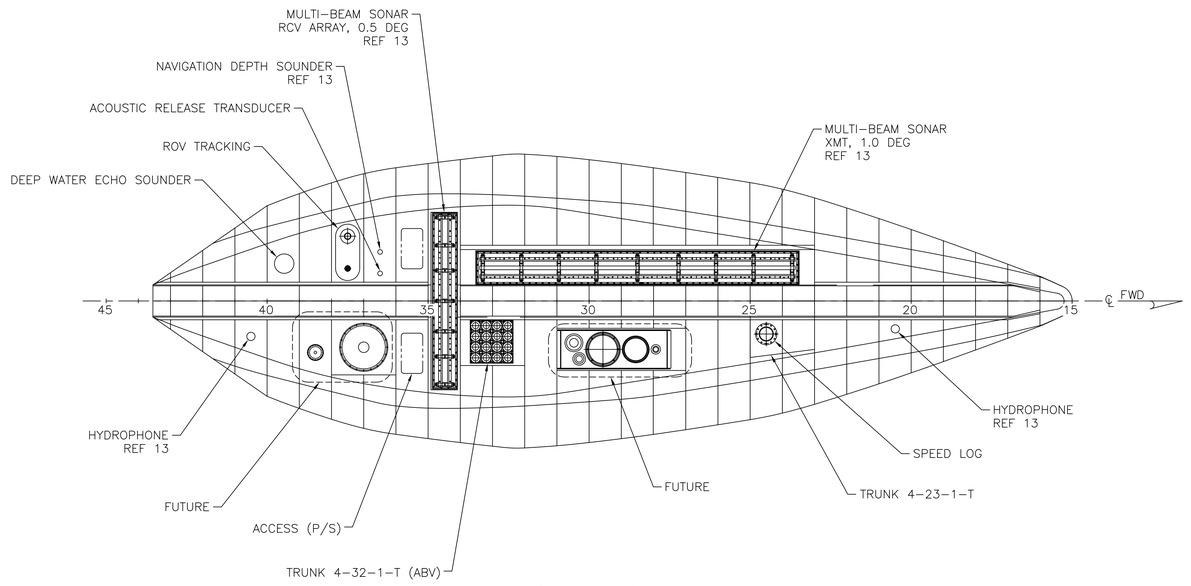
0 4 8 12 16 20 24 28 32 36
FEET

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/8=1'-0		SHEET 6 OF 8	
ACAD FILE NAME: OE-601-101C.DWG			



PLAN 52-D (B) (C)

TOPSIDE ARRANGEMENT



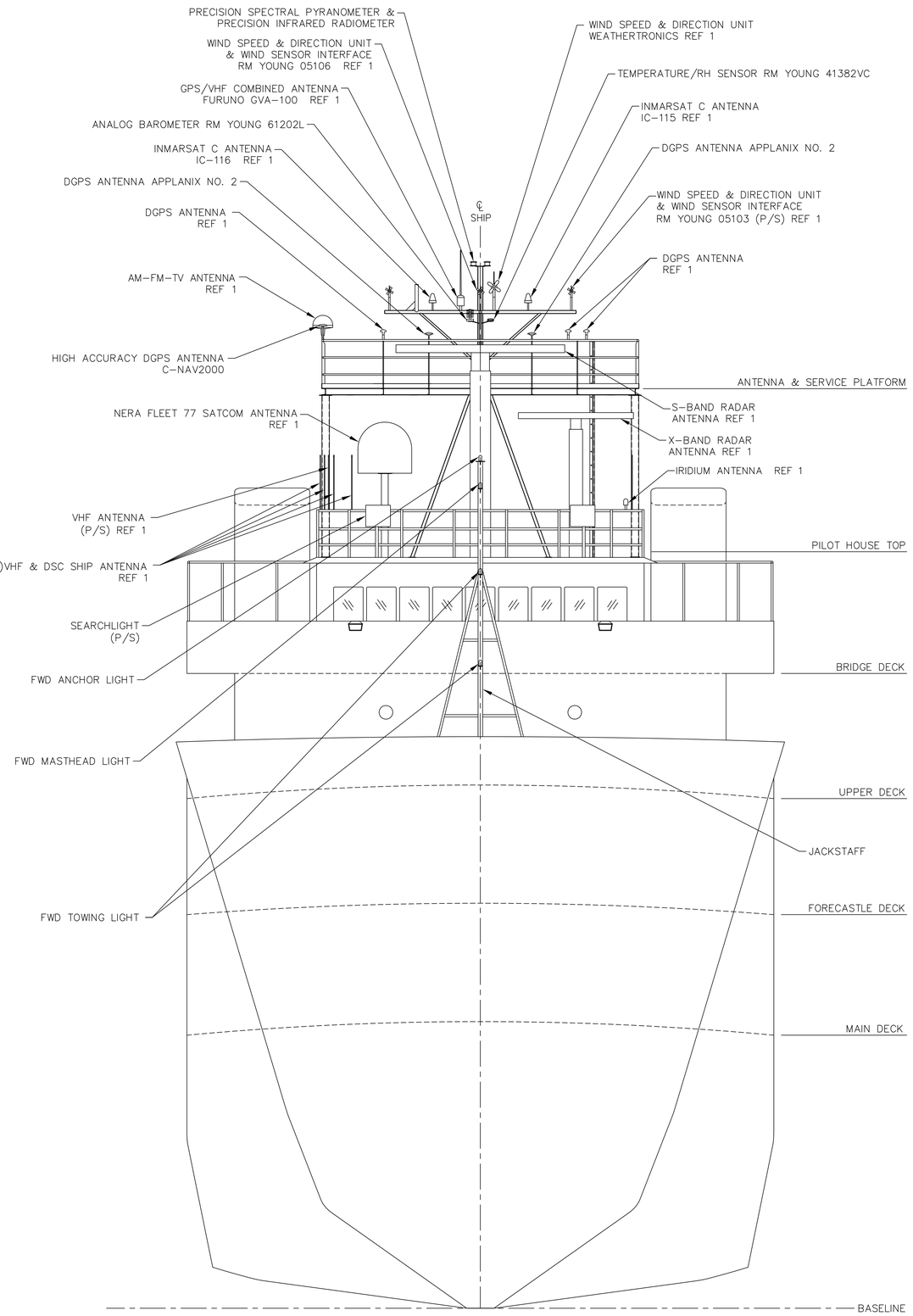
PLAN 52-A

TRANSDUCER FAIRING ARRANGEMENT
AS SHOWN BELOW KEEL
SCALE: 1/4"=1'-0"

0 4 8 12 16 20 24 28 32 36
FEET

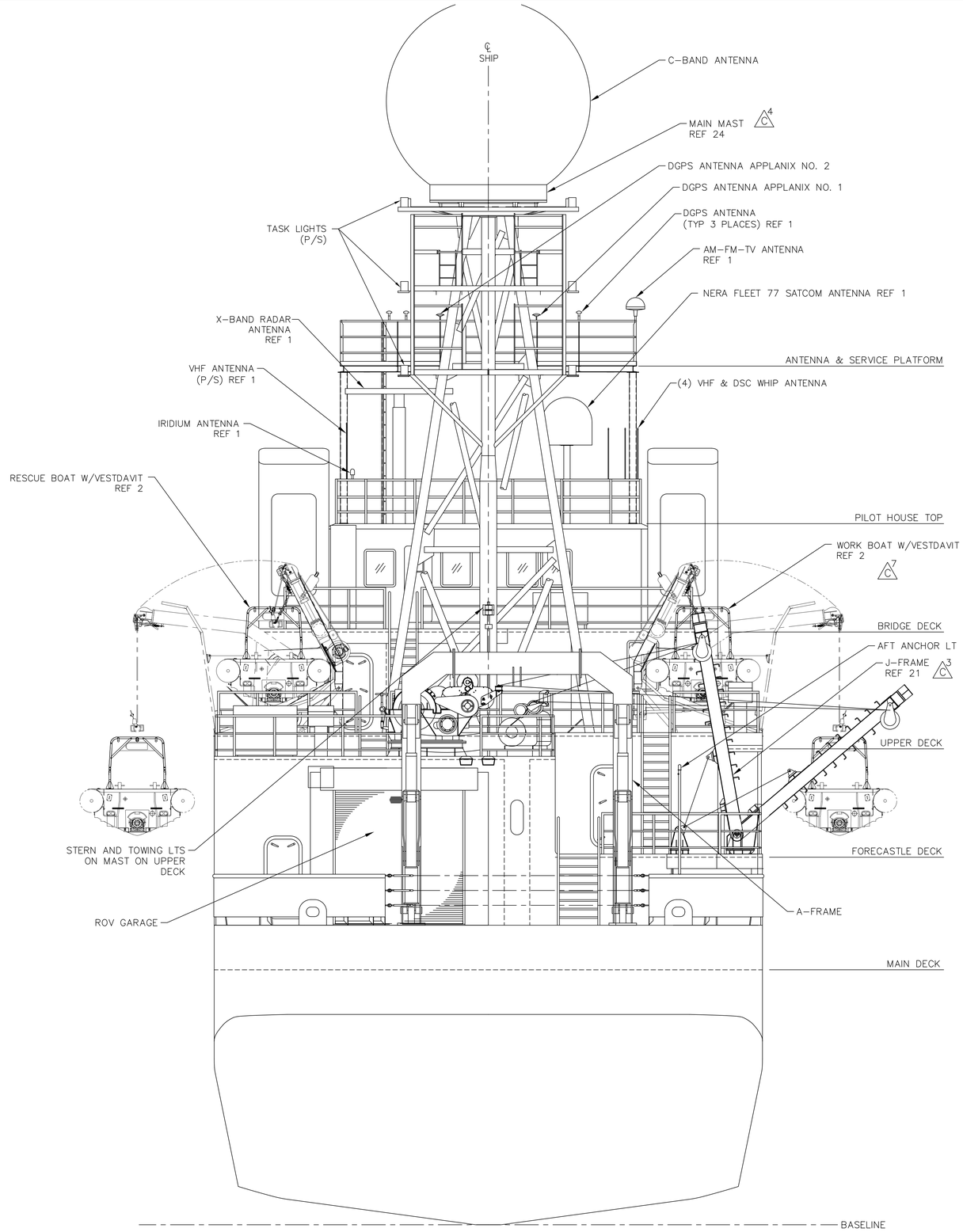
SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/8=1'-0 & AS NOTED		SHEET 7 OF 8	

ACAD FILE NAME: OE-601-101C.DWG


PRECISION SPECTRAL PYRANOMETER & PRECISION INFRARED RADIOMETER
WIND SPEED & DIRECTION UNIT & WIND SENSOR INTERFACE RM YOUNG 05106 REF 1
GPS/VHF COMBINED ANTENNA FURUNO GVA-100 REF 1
ANALOG BAROMETER RM YOUNG 61202L
INMARSAT C ANTENNA IC-116 REF 1
DGPS ANTENNA APPLANIX NO. 2
DGPS ANTENNA REF 1
AM-FM-TV ANTENNA REF 1
HIGH ACCURACY DGPS ANTENNA C-NAV2000
NERA FLEET 77 SATCOM ANTENNA REF 1
VHF ANTENNA (P/S) REF 1
(4)VHF & DSC SHIP ANTENNA REF 1
SEARCHLIGHT (P/S)
FWD ANCHOR LIGHT
FWD MASTHEAD LIGHT
FWD TOWING LIGHT
℄ SHIP
WIND SPEED & DIRECTION UNIT WEATHERTRONICS REF 1
TEMPERATURE/RH SENSOR RM YOUNG 41382VC
INMARSAT C ANTENNA IC-115 REF 1
DGPS ANTENNA APPLANIX NO. 2
WIND SPEED & DIRECTION UNIT & WIND SENSOR INTERFACE RM YOUNG 05103 (P/S) REF 1
DGPS ANTENNA REF 1
ANTENNA & SERVICE PLATFORM
S-BAND RADAR ANTENNA REF 1
X-BAND RADAR ANTENNA REF 1
IRIDIUM ANTENNA REF 1
PILOT HOUSE TOP
BRIDGE DECK
UPPER DECK
JACKSTAFF
FORECASTLE DECK
MAIN DECK
BASELINE

SECTION 62-A (B) (C)

BOW PROFILE
MAIN MAST NOT SHOWN FOR CLARITY



SECTION 58-A (B) (C)

STERN PROFILE

0 2 4 6 8 10 12 14 16 18
FEET

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	OE-601-101	C
SCALE: 1/4=1'-0		SHEET 8 OF 8	

ACAD FILE NAME: OE-601-101C.DWG